

**Table 6.1 World Net Conventional Thermal Electricity Generation, 1990 - 1999**  
 (Billion Kilowatthours)

Region Country	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999 <sup>1</sup>
<b>North America</b>										
Canada.....	105.5	107.7	116.5	102.7	112.1	121.3	120.5	131.7	148.7	149.6
Mexico.....	85.7	89.7	88.7	93.1	110.5	104.2	110.4	124.8	134.2	135.3
United States.....	2,092.7	2,101.5	2,138.8	2,230.8	2,275.2	2,297.5	2,347.4	2,433.7	2,550.0	2,561.2
Other.....	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8
<b>Total.....</b>	<b>2,284.6</b>	<b>2,299.6</b>	<b>2,344.7</b>	<b>2,427.3</b>	<b>2,498.6</b>	<b>2,523.8</b>	<b>2,579.1</b>	<b>2,691.1</b>	<b>2,833.8</b>	<b>2,846.9</b>
<b>Central &amp; South America</b>										
Argentina.....	20.9	25.0	26.4	25.7	24.6	31.0	36.8	34.0	37.5	46.5
Bahamas, The.....	0.9	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.5
Bolivia.....	0.9	0.9	1.1	1.1	1.1	1.6	1.7	1.7	2.0	2.1
Brazil.....	8.1	9.0	9.1	8.8	9.1	10.6	13.1	14.7	15.6	17.8
Chile.....	8.2	5.9	5.2	6.3	7.7	7.1	10.4	12.7	16.6	23.2
Colombia.....	8.1	8.9	10.6	9.8	8.8	10.3	7.9	12.9	13.6	9.7
Costa Rica.....	0.1	0.2	0.6	0.4	0.8	0.8	0.4	0.2	0.4	0.1
Cuba.....	12.9	11.0	9.5	9.0	10.0	11.1	11.7	12.5	12.5	13.5
Dominican Republic.....	3.1	3.1	3.4	4.0	4.2	4.4	5.2	5.6	5.7	6.4
Ecuador.....	1.3	1.8	2.1	1.5	1.5	3.1	2.8	3.0	3.2	3.0
Guadeloupe.....	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1	1.2	1.3
Guatemala.....	0.2	0.3	0.6	0.7	0.7	0.7	0.6	0.6	1.0	1.5
Jamaica.....	2.2	1.9	2.0	3.3	4.2	5.1	5.3	5.5	5.7	6.0
Martinique.....	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.1
Nicaragua.....	0.6	0.6	0.8	0.7	0.9	1.0	1.1	1.1	1.6	1.6
Panama.....	0.5	0.9	1.0	1.0	1.2	1.1	1.0	1.4	1.2	1.2
Peru.....	2.7	2.4	3.0	2.7	1.8	3.6	3.6	4.3	4.4	4.4
Puerto Rico.....	14.1	14.5	15.2	15.3	16.5	17.6	17.6	17.6	17.0	16.5
Trinidad and Tobago.....	3.3	3.5	3.7	3.6	3.8	4.0	4.3	4.7	4.8	4.9
Venezuela.....	21.0	17.7	19.0	20.6	18.7	20.7	20.4	19.6	21.6	26.1
Virgin Islands, U.S.....	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Other.....	4.2	5.2	5.3	5.4	5.5	6.5	7.1	8.0	8.4	8.4
<b>Total.....</b>	<b>115.6</b>	<b>116.2</b>	<b>122.0</b>	<b>123.6</b>	<b>125.1</b>	<b>144.4</b>	<b>155.4</b>	<b>164.6</b>	<b>177.3</b>	<b>197.7</b>
<b>Western Europe</b>										
Austria.....	16.8	18.4	15.1	13.7	15.4	17.0	18.1	18.4	17.6	17.5
Belgium.....	25.6	26.4	26.0	26.2	28.6	30.0	29.7	28.4	33.4	31.9
Denmark.....	23.6	33.4	28.1	30.7	36.6	33.4	49.2	39.8	35.9	33.5
Finland.....	22.8	23.8	22.0	26.0	32.3	29.8	35.7	33.9	31.2	31.7
France.....	45.8	58.2	48.8	33.9	33.2	37.8	42.3	38.5	52.9	48.2
Germany.....	--	351.1	335.7	329.6	331.9	334.9	344.6	335.8	347.0	336.3
Germany, East.....	97.3	--	--	--	--	--	--	--	--	--
Germany, West.....	261.6	--	--	--	--	--	--	--	--	--
Greece.....	31.0	30.7	32.9	33.7	35.5	35.5	35.7	37.0	39.9	41.6
Ireland.....	12.7	13.3	14.1	14.5	14.9	15.9	17.1	17.8	18.6	18.5
Italy.....	167.7	162.6	166.1	163.8	169.5	184.0	181.6	188.2	194.8	195.9
Malta.....	1.0	1.3	1.4	1.4	1.4	1.5	1.6	1.6	1.6	1.7
Netherlands.....	64.1	66.5	68.8	68.4	70.8	71.7	75.3	78.5	81.2	77.0
Portugal.....	18.0	19.4	23.5	21.1	19.4	23.3	18.4	19.7	24.2	33.3
Spain.....	67.2	67.6	77.0	70.4	72.5	81.6	72.2	92.6	93.2	114.1
Sweden.....	5.0	6.5	7.5	8.6	9.7	9.5	13.6	9.6	9.4	8.1
Switzerland.....	1.1	1.4	1.5	1.2	2.0	2.1	2.0	2.0	2.3	2.3
Turkey.....	32.3	35.2	38.3	37.4	44.8	47.6	51.0	59.6	64.6	77.0
United Kingdom.....	231.3	230.7	222.8	214.1	216.0	224.0	232.5	226.5	235.3	237.8
Former Yugoslavia.....	54.7	52.1	--	--	--	--	--	--	--	--
Bosnia and Herzegovina.....	--	--	8.6	9.1	0.6	0.8	0.9	0.9	0.9	1.0
Croatia.....	--	--	4.3	4.7	3.1	3.4	3.1	4.1	5.1	4.5
Macedonia, FYR.....	--	--	4.9	4.4	4.8	4.9	4.7	5.0	5.4	5.3
Serbia and Montenegro.....	--	--	23.6	22.0	22.0	24.4	25.0	26.5	26.7	24.1
Slovenia.....	--	--	4.4	4.2	4.1	4.3	4.0	4.5	4.7	4.3
Other.....	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.1	1.2
<b>Total.....</b>	<b>1,181.0</b>	<b>1,199.9</b>	<b>1,176.6</b>	<b>1,140.4</b>	<b>1,170.8</b>	<b>1,218.6</b>	<b>1,259.7</b>	<b>1,269.9</b>	<b>1,327.1</b>	<b>1,346.7</b>

See footnotes at end of table.

**Table 6.1 World Net Conventional Thermal Electricity Generation, 1990 - 1999 (Continued)**

(Billion Kilowatthours)

Region Country	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999 <sup>1</sup>
<b>Eastern Europe &amp; Former U.S.S.R.</b>										
Albania.....	0.3	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2
Bulgaria.....	24.1	21.9	20.7	20.8	20.1	20.9	20.4	20.8	20.2	18.7
Former Czechoslovakia.....	54.6	52.9	51.2	--	--	--	--	--	--	--
Czech Republic.....	--	--	--	42.0	41.3	43.6	45.8	46.6	46.6	45.3
Slovakia.....	--	--	--	8.0	7.6	9.1	8.9	8.8	8.9	8.5
Hungary.....	13.7	15.1	16.5	17.8	18.1	18.6	19.5	19.9	21.7	21.3
Poland.....	125.0	123.4	121.4	122.5	123.7	127.0	130.9	130.6	130.2	129.6
Romania.....	49.7	39.7	39.9	40.1	39.6	40.0	41.6	32.2	27.5	26.5
Former U.S.S.R.....	1,204.1	1,173.0	--	--	--	--	--	--	--	--
Armenia.....	--	--	5.6	1.9	2.0	3.1	2.2	2.9	2.9	3.0
Azerbaijan.....	--	--	16.9	15.7	14.8	14.6	14.6	14.2	15.1	14.2
Belarus.....	--	--	35.3	31.3	29.5	23.4	22.3	24.5	23.8	24.9
Estonia.....	--	--	11.1	8.6	8.6	8.2	8.6	8.7	8.0	7.8
Georgia.....	--	--	4.7	2.9	2.0	1.5	1.1	1.1	1.6	1.6
Kazakhstan.....	--	--	71.3	65.6	53.8	54.8	48.6	42.8	40.4	38.6
Kyrgyzstan.....	--	--	2.5	2.1	1.1	1.2	1.4	1.3	0.8	0.9
Latvia.....	--	--	1.2	1.0	1.1	1.0	1.2	1.4	1.3	1.3
Lithuania.....	--	--	3.5	1.4	1.5	1.3	1.9	1.9	3.0	3.2
Moldova.....	--	--	10.3	9.3	7.5	5.4	5.4	4.6	4.2	3.9
Russia.....	--	--	679.6	627.9	540.4	546.0	547.8	533.2	530.1	529.2
Tajikistan.....	--	--	0.8	0.6	0.3	0.2	0.2	0.3	0.3	0.3
Turkmenistan.....	--	--	12.4	11.9	9.9	9.2	9.5	8.9	8.8	8.4
Ukraine.....	--	--	160.5	134.9	114.4	106.5	88.9	83.2	76.8	75.2
Uzbekistan.....	--	--	42.0	39.3	38.2	38.8	36.6	37.9	37.7	37.0
<b>Total.....</b>	<b>1,471.5</b>	<b>1,426.2</b>	<b>1,307.6</b>	<b>1,205.6</b>	<b>1,075.4</b>	<b>1,074.5</b>	<b>1,057.4</b>	<b>1,025.9</b>	<b>1,010.0</b>	<b>999.5</b>
<b>Middle East</b>										
Bahrain.....	3.3	3.3	3.7	4.0	4.3	4.3	4.7	4.7	5.4	6.2
Cyprus.....	1.9	2.0	2.3	2.4	2.5	2.3	2.4	2.5	2.8	3.0
Iran.....	49.8	53.6	55.5	62.2	70.1	73.0	78.5	85.4	90.6	96.0
Iraq.....	20.1	18.7	23.1	24.2	25.8	26.7	26.9	27.2	28.0	28.8
Israel.....	19.6	20.2	23.2	24.4	26.6	28.5	30.5	33.0	35.7	35.4
Jordan.....	3.4	3.5	4.1	4.5	4.8	5.3	5.7	5.9	6.3	6.6
Kuwait.....	19.4	10.1	15.8	19.0	21.4	22.3	23.9	25.1	28.2	31.6
Lebanon.....	1.1	2.3	2.9	3.8	4.1	4.3	5.8	7.2	7.1	7.1
Oman.....	5.0	5.2	4.8	5.5	5.8	6.1	6.4	6.9	7.7	8.6
Qatar.....	4.5	4.4	4.8	5.2	5.5	5.6	6.2	6.5	7.6	9.0
Saudi Arabia.....	64.9	69.2	74.0	82.2	91.0	100.7	106.6	113.1	116.5	120.0
Syria.....	5.6	5.6	4.9	5.6	7.9	7.9	9.3	9.9	10.1	10.3
United Arab Emirates.....	16.1	16.2	16.4	16.5	17.7	23.5	25.0	26.8	31.4	36.7
Yemen.....	1.6	1.7	1.8	1.9	2.0	2.2	2.2	2.4	2.4	2.4
<b>Total.....</b>	<b>216.3</b>	<b>216.0</b>	<b>237.3</b>	<b>261.3</b>	<b>289.5</b>	<b>312.8</b>	<b>334.1</b>	<b>356.6</b>	<b>379.8</b>	<b>401.7</b>
<b>Africa</b>										
Algeria.....	15.0	16.0	17.0	17.9	18.5	17.9	19.0	19.9	21.5	23.0
Angola.....	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Botswana.....	0.9	0.9	1.1	1.0	1.0	1.0	0.8	0.9	0.7	0.6
Cote d'Ivoire (Ivory Coast).....	0.9	0.6	0.6	1.0	1.2	1.2	1.4	2.0	2.5	3.1
Egypt.....	31.5	34.0	35.0	37.4	39.4	41.4	40.3	43.0	47.1	49.5
Libya.....	15.8	15.9	15.9	16.0	16.7	16.9	17.2	17.8	18.3	18.9
Mauritius.....	0.6	0.7	0.8	0.8	0.9	0.9	1.1	1.1	1.1	1.2
Morocco.....	7.9	7.5	8.2	8.9	9.5	11.5	10.4	11.1	11.6	12.2
Nigeria.....	7.7	7.7	8.2	8.4	9.4	8.4	8.9	9.2	9.5	9.9
Reunion.....	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Senegal.....	0.9	0.9	1.0	0.9	1.0	1.0	1.1	1.2	1.2	1.3
South Africa.....	146.6	147.8	147.1	155.9	160.0	164.2	173.9	181.1	176.5	173.3
Tunisia.....	5.2	5.3	5.7	5.9	6.3	6.8	7.4	7.9	8.5	9.1
Zimbabwe.....	5.6	5.4	4.8	5.6	4.7	5.6	4.9	4.9	4.4	4.0
Other.....	4.4	4.4	4.4	4.8	5.0	5.4	5.7	6.0	6.9	8.1
<b>Total.....</b>	<b>243.7</b>	<b>248.0</b>	<b>250.8</b>	<b>265.6</b>	<b>274.7</b>	<b>283.5</b>	<b>293.0</b>	<b>307.1</b>	<b>311.0</b>	<b>315.3</b>

See footnotes at end of table.

**Table 6.1 World Net Conventional Thermal Electricity Generation, 1990 - 1999 (Continued)**

(Billion Kilowatthours)

Region Country	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999 <sup>1</sup>
<b>Far East &amp; Oceania</b>										
Afghanistan.....	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
American Samoa.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Australia.....	131.8	132.3	135.2	137.9	141.8	147.7	151.8	156.0	167.8	172.4
Bangladesh.....	6.7	7.6	8.2	8.7	9.2	10.6	11.0	11.4	10.8	11.3
Bhutan.....	(s)									
Brunei.....	1.2	1.3	1.3	1.5	1.6	1.8	2.0	2.3	2.4	2.4
Burma.....	1.2	1.4	1.4	1.6	1.9	2.3	2.2	2.6	2.9	3.3
Cambodia.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
China.....	465.2	519.3	585.3	644.0	701.2	756.1	805.3	863.4	880.2	936.5
Cook Islands.....	(s)									
Fiji.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
French Polynesia.....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Guam.....	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Hong Kong.....	27.2	29.9	32.8	33.8	25.1	26.2	26.7	27.2	29.5	27.7
India.....	198.9	223.1	240.7	263.6	279.3	317.2	336.1	355.8	337.2	361.0
Indonesia.....	35.3	37.8	38.7	34.5	40.9	42.3	52.5	59.5	58.6	63.2
Japan.....	524.0	533.2	545.8	517.2	580.4	568.0	577.2	577.7	571.3	599.9
Kiribati.....	(s)									
Korea, North.....	23.0	20.4	13.2	13.2	12.7	12.2	11.8	11.0	10.4	9.9
Korea, South.....	45.5	53.8	65.4	75.5	113.3	123.2	138.4	154.3	132.9	148.2
Laos.....	(s)									
Macau.....	0.7	0.8	0.9	1.1	1.2	1.2	1.3	1.3	1.3	1.4
Malaysia.....	20.0	22.5	23.4	28.1	30.6	36.9	43.4	50.7	52.5	54.1
Maldives.....	(s)	(s)	(s)	(s)	(s)	0.1	0.1	0.1	0.1	0.1
Mongolia.....	3.1	3.0	2.8	2.4	2.6	2.5	2.5	2.5	2.5	2.7
Nauru.....	(s)									
Nepal.....	(s)	(s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
New Caledonia.....	0.6	0.8	0.8	0.8	0.8	1.2	1.0	1.1	1.2	1.2
New Zealand.....	6.3	7.6	8.5	7.8	6.8	5.8	8.2	10.2	10.0	11.6
Niue.....	(s)									
Pakistan.....	19.2	21.0	24.8	25.5	28.9	28.4	31.3	35.6	37.3	39.3
Papua New Guinea.....	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.0
Philippines.....	13.2	13.0	13.2	13.2	17.1	19.9	21.8	25.0	26.0	24.9
Samoa.....	(s)	0.1	0.1	0.1						
Singapore.....	14.8	15.9	16.6	17.8	19.6	20.9	22.1	24.6	26.6	27.4
Solomon Islands.....	(s)									
Sri Lanka.....	(s)	0.2	0.3	0.2	0.3	0.3	1.2	1.6	1.7	1.8
Taiwan.....	43.6	51.9	56.1	65.9	72.0	71.0	75.1	83.1	91.7	93.9
Thailand.....	38.7	42.9	49.7	56.1	62.7	68.7	75.1	78.9	76.8	81.5
Tonga.....	(s)									
U.S. Pacific Islands.....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Vanuatu.....	(s)									
Vietnam.....	3.1	2.8	2.3	2.6	2.9	3.8	4.6	7.0	9.9	11.0
<b>Total.....</b>	<b>1,626.8</b>	<b>1,745.8</b>	<b>1,870.6</b>	<b>1,956.1</b>	<b>2,156.0</b>	<b>2,271.5</b>	<b>2,405.6</b>	<b>2,546.0</b>	<b>2,544.9</b>	<b>2,689.8</b>
<b>World Total.....</b>	<b>7,139.5</b>	<b>7,251.6</b>	<b>7,309.8</b>	<b>7,379.8</b>	<b>7,590.0</b>	<b>7,828.9</b>	<b>8,084.5</b>	<b>8,361.2</b>	<b>8,583.9</b>	<b>8,797.7</b>

<sup>1</sup> Preliminary.

-- Not applicable.

(s) = Value less than 50 million kilowatthours.

Notes: Sum of components may not equal total due to independent rounding.

Thermal generation consist of electricity generated from coal, oil, and gas.

Generation data consist of both utility and nonutility sources.

Sources: See sources at the end of this Section.